



MODEL H6170 2000 LB. HD WINCH w/STEEL CABLE INSTRUCTIONS

WARNING

To reduce the risk of serious personal injury while using this winch:

1. Always wear ANSI approved eye protection when operating the winch.
2. Be sure the cable is not damaged. If the cable shows any signs of fraying or any other damage, do not use the winch.
3. Do not exceed the pulling capacities of the winch.
4. Do not stand in line with cable while operating the winch. If the cable breaks it will whip back along this line.
5. Keep all loose clothing, hair, jewelry and hands away from winch during operation.
6. Use a spotter to help ensure safety when using the winch. Be sure the spotter is out of the way of the vehicle and the cable before operating the winch.
7. Do not replace the cable with one of lesser strength.
8. Do not loop the cable around an object and back to itself. Use a chain or towing strap if necessary.
9. Do not use the winch to lift vertical loads. It is designed for horizontal loads only. Lifting vertical loads may cause the winch to fail and drop the load.
10. Do not use the winch to support loads for long periods of time.
11. Avoid dynamic loading caused by yanking or jerking of the cable. This may cause the winch to release its load.

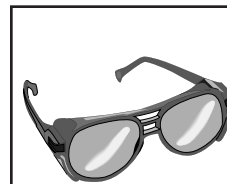


Figure 1. Model H6170.

If you need help with your new item, call our Tech Support at: (570) 546-9663.

Specifications

Horizontal Pulling Capacity 2000 Lbs.
Cable 20' x 1/4" Steel
Ratchet One-Direction with Freewheel
Gear Ratios 1:1 and 5:1
Mounting Bolt Hole Size 3/8"
Bolt Grade Grade 8



WARNING

Damage to your eyes could result from using this item without proper protective eyewear.

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Mounting

The Model H6170 has holes in the base for mounting to most flat surfaces. The winch must be mounted for safe and effective operation. Be sure to check for wires before drilling into a trailer frame.

To mount the winch:

1. Place the winch in the desired position and mark the location of the mounting holes.
2. Remove the winch and $\frac{7}{16}$ " drill holes in the locations you marked in **Step 1**.
3. Use $\frac{3}{8}$ " diameter mounting hardware to secure the winch in place, as shown in **Figure 2**.

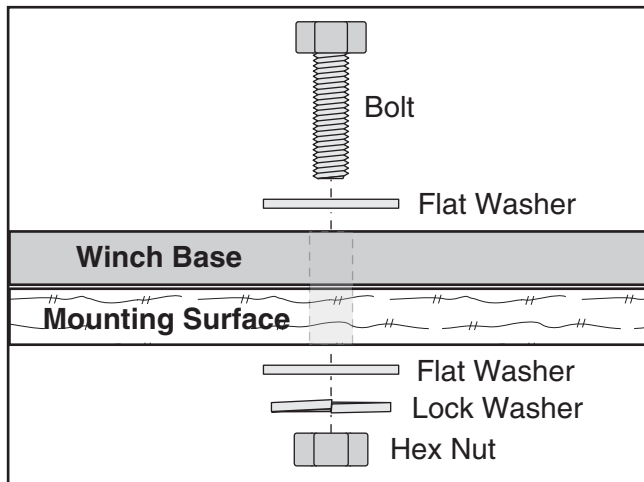


Figure 2. Example of a through mount setup.

Gear Ratios

The Model H6170 has two available gear ratios. By placing the handle on one of the two shafts, you can change the gear ratio to a 5:1 or a 1:1 ratio.

Winching Direction

The Model H6170 has a two position ratchet control lever that controls the ratchet action of the winch.

To change ratchet function:

1. Firmly grasp the winch handle to prevent sudden movement.

2. Move the ratchet control lever to one of the two positions shown below (**Figure 3**).

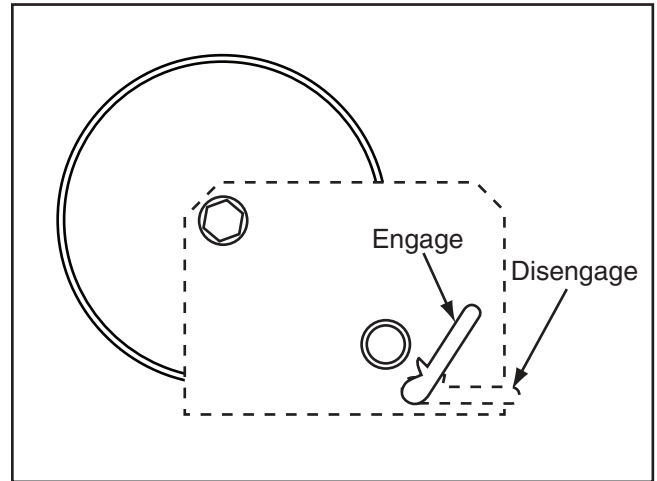


Figure 3. Ratchet control lever.

Engage: Pulls the cable in. If the winch handle is released, the load will remain supported.

Disengage: Allows the cable to freewheel. If the winch handle is released, the load WILL NOT remain supported.

! WARNING

If the ratchet control lever is placed in the "Disengage" position and the winch handle is released, the load will drop. If the handle must be released for any reason before the load is completely supported by other means, move the ratchet control lever to the "Engage" position before releasing the lever. Failure to do so may result in property damage and serious personal injury.

Operations

1. Move the ratchet control lever to the free-wheel position to feed slack until the cable hook reaches the load.
2. Hook the load, then move the lever to the winching position. Crank the handle to move the load. Once the load is secured by other means, release the hook from the load.

